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(21) International Application Number: PCT/CA00/00510 (22) International Filing Date: 3 May 2000 (03.05.00) (30) Priority Data: 2,271,180 5 May 1999 (05.05.99) CA 09/307,356 7 May 1999 (07.05.99) US 2,273,657 7 June 1999 (07.06.99) CA (71) Applicant: NORTEL NETWORKS LIMITED [CA/CA]; World Trade Center of Montreal, 380 St. Antoine Street West, 8th Floor, Montreal, Québec H2Y 3Y4 (CA).		(72) Inventors: ALLAN, William; 473 Brierwood Avenue, Ot- tawa, Ontario K2A 2H2 (CA). MORLEY, Robert, S.; 1719 Rhodes Crescent, Ottawa, Ontario K1H 5T1 (CA). KRAMER, Kris, W.; 76 Shouldice Crescent, Kanata, On- tario K2H 8E9 (CA). DAVID, Larry, John; 146 Holiday Drive, Box 16 RR#3 Woodlawn, Constance Bay, Ontario K0A 3M0 (CA). ORFORD, Kenneth, M.; 17 Westcliffe Road, Nepean, Ontario K2H 7X3 (CA). BLATHERWICK, Peter, P.; 48 Spadina Avenue, Ottawa, Ontario K1Y 2B6 (CA). STAR, Robert, M.; 1512 Monaghan Lane, Kanata, Ontario K2W 1B4 (CA). LIANG, Kenneth, J.; 33 Sundback Lane, Kanata, Ontario K2L 2W9 (CA). OTREBA, Dariusz; 24 Forestview Crescent, Nepean, Ontario K2H 9P6 (CA). PROVENCAL, Paul; 31 De La Comete, Hull, Québec J9A 2Y5 (CA). JOLY, Robert; Apartment 415, 100 Medhurst Drive, Nepean, Ontario K2G 5W7 (CA). (74) Agent: SMART & BIGGAR; Attn: Faggetter, Ronald, D., 438 University Avenue, Suite 1500, Box 111, Toronto, Ontario M5G 2K8 (CA). (81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: TELEPHONY AND DATA NETWORK SERVICES AT A TELEPHONE (57) Abstract A packetised data network includes IP telephones (ITs) and a network intelligence (NI). All of the keys of each IT are "soft" keys (i.e., they have no fixed function). The NI associates a configuration data structure with the IT which correlates the keys with functions, and, based on this, may control the display of the IT to indicate the current function of certain of the soft keys. Some of the functions are requests for data services at the telephone (e.g., video or programmed audio over the internet). When a user requests such a service with a key press, the NI sets up the service between the data source and the telephone. This may require associating a new configuration data structure with the keys of the IT. The IT user may activate multiple data services through the NI.		